8/15/83
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American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *AUGUST* 5, 1983 **NO. 31**

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 08/05/83	Last Week Ending: 07/29/83	Last Year Week Ending: 08/06/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,666	12,755	12,560	- 89	+ 106
Operable capacity	16,294	16,294	17,382	0	- 1,088
Percent operated	77.7	78.3	72.3		
Motor Gasoline					
Total motor gasoline production	6,598	6,685	6,597	- 87	+ 1
Finished leaded motor gasoline production	2,854	3,027	*N/A*	- 173	*N/A*
Finished unleaded motor gasoline production	3,744	3,658	*N/A*	+ 86	*N/A*
Total motor gasoline stocks	225,470	225,807	225,627	- 337	- 157
Finished leaded motor gasoline stocks	95,865	97,611	*N/A*	- 1,746	*N/A*
Finished unleaded motor gasoline stocks	90,322	89,950	91,816	+ 372	- 1,494
Distillate Fuel Oil					
Distillate fuel oil production	2,536	2,649	2,609	- 113	- 73
Distillate fuel oil stocks	128,944	128,464	150,799	+ 480	- 21,855
Residual Fuel Oil					
Residual fuel oil production	738	780	1,134	- 42	- 396
Residual fuel oil stocks	47,566	48,581	55,704	- 1,015	- 8,138
Imports					
Crude oil imports	3,214	4,150	4,077	- 936	- 863
Product imports	1,760	1,639	1,428	+ 121	+ 332
Crude Oil Stocks					
Crude oil stocks	343,976	347,918	354,005	- 3,942	- 10,029

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,137	1,057	1,082	1,229	88.0
Appal. No. 1	80	81	82	177	46.3
DISTRICT 1 TOTAL	1,217	1,138	1,164	1,406	82.8
Appal. No. 2	67	64	67	66	101.5
Ind., Ill., Ky.	1,927	1,817	1,875	2,345	80.0
Minn., Wis., Daks.	298	288	296	296	100.0
Okla., Kans., Mo.	709	679	701	827	84.8
DISTRICT 2 TOTAL	3,001	2,848	2,939	3,534	83.2
Inland Texas	530	496	518	585	88.5
Texas Gulf Coast	3,414	3,114	3,250	3,907	83.2
La. Gulf Coast	1,964	1,784	1,814	2,875	63.1
N. La. and Ark.	197	177	185	286	64.7
New Mexico	97	81	81	105	77.1
DISTRICT 3 TOTAL	6,202	5,652	5,848	7,758	75.4
DISTRICT 4 TOTAL	423	456	463	536	86.4
DISTRICT 5 TOTAL	2,259	2,228	2,252	3,060	73.6
TOTAL U.S.	13,102	12,322	12,666	16,294	77.7
TOTAL U.S. Weeks Ended:					
JUL. 29, 1983	13,217	12,452	12,755	16,294	78.3
AUG. 6, 1982	13,504	12,153	12,560	17,382	72.3
DISTRICTS 1–4 Weeks Ended:					
AUG. 5, 1983	10,843	10,094	10,414	13,234	78.7
JUL. 29, 1983	10,873	10,121	10,414	13,234	78.7
AUG. 6, 1982	11,329	10,164	10,493	14,290	73.4

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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	561	210	351	29	27	265●	87
Appal. No. 1	30	11	19	2	--	19	2
DISTRICT 1 TOTAL	591	221	370	31	27	284●	89
Appal. No. 2	36	14	22	1	--	14	2
Ind., Ill., Ky.	1,085	488	597	5	84	334	47
Minn., Wis., Daks.	173	97	76	2	18	57	8
Okla., Kans., Mo.	428	238	190	4	31	176	10
DISTRICT 2 TOTAL	1,722	837	885	12	133	581	67
Inland Texas	284	137	147	21	21	124	14
Texas Gulf Coast	1,602	639	963	38	170	673	227
La. Gulf Coast	981	413	568	16	174	346	56
N. La. and Ark.	53	22	31	7	--	53	11
New Mexico	35	21	14	17	2	25	1
DISTRICT 3 TOTAL	2,955	1,232	1,723	99	367	1,221	309
DISTRICT 4 TOTAL	229	122	107	8	20	119	11
DISTRICT 5 TOTAL	1,101	442	659	43	234	331	262
TOTAL U.S.	6,598	2,854	3,744	193	781	2,536	738
TOTAL U.S. Weeks Ended:							
JUL. 29, 1983	6,685	3,027	3,658	192	739	2,649●	780
AUG. 6, 1982	6,597	*N/A*	*N/A*	203	808	2,609	1,134
DISTRICTS 1-4 Weeks Ended:							
AUG. 5, 1983	5,497	2,412	3,085	150	547	2,205	476
JUL. 29, 1983	5,557	2,522	3,035	154	504	2,257●	475
AUG. 6, 1982	5,653	*N/A*	*N/A*	152	607	2,288	863

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
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STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Kerosine Type	Kerosine Type			
New England	5,736	3,107	2,628	1	87	834	9,002	1,701	--
Central Atlantic	29,591	12,173	13,326	4,092	294	5,079	26,896	17,127	12,416
Lower Atlantic	28,194	14,970	12,909	315	115	3,660	13,964	3,454	539
DISTRICT 1 TOTAL	63,521	30,250	28,863	4,408	496	9,573	49,862	22,282	12,955
DISTRICT 2 TOTAL	61,916●	28,566●	25,751	7,599	1,710	7,540	32,826	3,846	17,633
DISTRICT 3 TOTAL	63,608	24,042	21,932	17,634	2,958	9,466	31,444	12,471	49,416
DISTRICT 4 TOTAL	6,364	2,995	1,715	1,654	302	846	3,349	530	2,502
DISTRICT 5 TOTAL	30,061	10,012	12,061	7,988	1,581	6,445	11,463	8,437	25,258●
TOTAL U.S.	225,470	95,865	90,322	39,283	7,047	33,870	128,944	47,566	107,764
TOTAL U.S. Weeks Ended:									
JUL. 29, 1983	225,807●	97,611●	89,950	38,246	7,202	33,860	128,464	48,581	106,689●
AUG. 6, 1982	225,627	*N/A*	91,816	*N/A*	5,942	35,483	150,799	55,704	118,431
DISTRICTS 1-4 Weeks Ended:									
AUG. 5, 1983	195,409	85,853	78,261	31,295	5,466	27,425	117,481	39,129	82,506
JUL. 29, 1983	196,747●	87,673●	78,690	30,384	5,562	27,262	116,739	40,205	81,307
AUG. 6, 1982	197,707	*N/A*	81,550	*N/A*	4,464	29,396	140,243	47,212	93,652

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7.*
NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *AUGUST* 5, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *MAR* 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
AUG. 5, 1983	5,885.9	5,794.0	2,997	400	260,744
JUL. 29, 1983	5,885.9	--	3,811	278	261,234
JUL. 22, 1983	5,885.9	--	3,459	342	264,323
JUL. 15, 1983	5,885.9	--	3,007	230	263,223
DISTRICT 5 TOTAL					
AUG. 5, 1983	2,812.5	2,900.0	217	12	83,232 *
JUL. 29, 1983	2,812.5	--	339	7	86,684
JUL. 22, 1983	2,812.5	--	444	7	80,916
JUL. 15, 1983	2,812.5	--	303	--	80,203
TOTAL U.S.					
AUG. 5, 1983	8,698.4	8,694.0	3,214	412	343,976 *
JUL. 29, 1983	8,698.4	--	4,150	285	347,918
JUL. 22, 1983	8,698.4	--	3,903	349	345,239
JUL. 15, 1983	8,698.4	--	3,310	230	343,426
AUG. 6, 1982	8,656.1/A	--	4,077	200	354,005

*INCLUDES 28,676 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR JULY 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
AUG. 5, 1983	15,171	77,276	154,785	13,512	260,744	83,232 *	343,976 *
JUL. 29, 1983	16,213	76,935●	154,601●	13,485	261,234	86,684	347,918
AUG. 6, 1982	19,133	73,571	156,301	14,022	263,027	90,978	354,005

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7.

API WEEKLY STATISTICAL BULLETIN
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IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	40	--	40	--	--	--	88	5	--	--	133
Central Atlantic	--	--	--	--	5	196	539	6	119	156	1,021
Lower Atlantic	47	27	20	--	--	--	45	--	--	--	92
DISTRICT 1 TOTAL											
AUG. 5, 1983	87	27	60	--	5	196	672	11	119	156	1,246
JUL. 29, 1983	234	105	129	--	20	220	674	11	12	78	1,249
JUL. 22, 1983	176	88	88	--	--	212	545	11	10	102	1,056
JUL. 15, 1983	234	76	158	--	43	191	715	60	120	27	1,390
DISTRICTS 2–4 TOTAL											
AUG. 5, 1983	--	--	--	--	--	4	24	157	234	5	424
JUL. 29, 1983	--	--	--	--	4	4	19	159	102	12	300
JUL. 22, 1983	17	8	9	--	4	18	41	95	234	65	474
JUL. 15, 1983	17	14	3	--	--	11	24	68	223	51	394
DISTRICT 5 TOTAL											
AUG. 5, 1983	30	23	7	--	10	7	19	16	3	5	90
JUL. 29, 1983	44	37	7	--	1	5	16	16	3	5	90
JUL. 22, 1983	35	27	8	--	--	5	17	19	--	5	81
JUL. 15, 1983	36	29	7	--	--	5	17	16	--	10	84
TOTAL U.S.	117	50	67	--	15	207	715	184	356	166	1,760
TOTAL U.S. Weeks Ended:											
JUL. 29, 1983	278	142	136	--	25	229	709	186	117	95	1,639
JUL. 22, 1983	228	123	105	--	4	235	603	125	244	172	1,611
JUL. 15, 1983	287	119	168	--	43	207	756	144	343	88	1,868
AUG. 6, 1982	192	*N/A*	61	4	16	130	736	183	95	67	1,428

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department ' a ed on data collected from reporting companies.

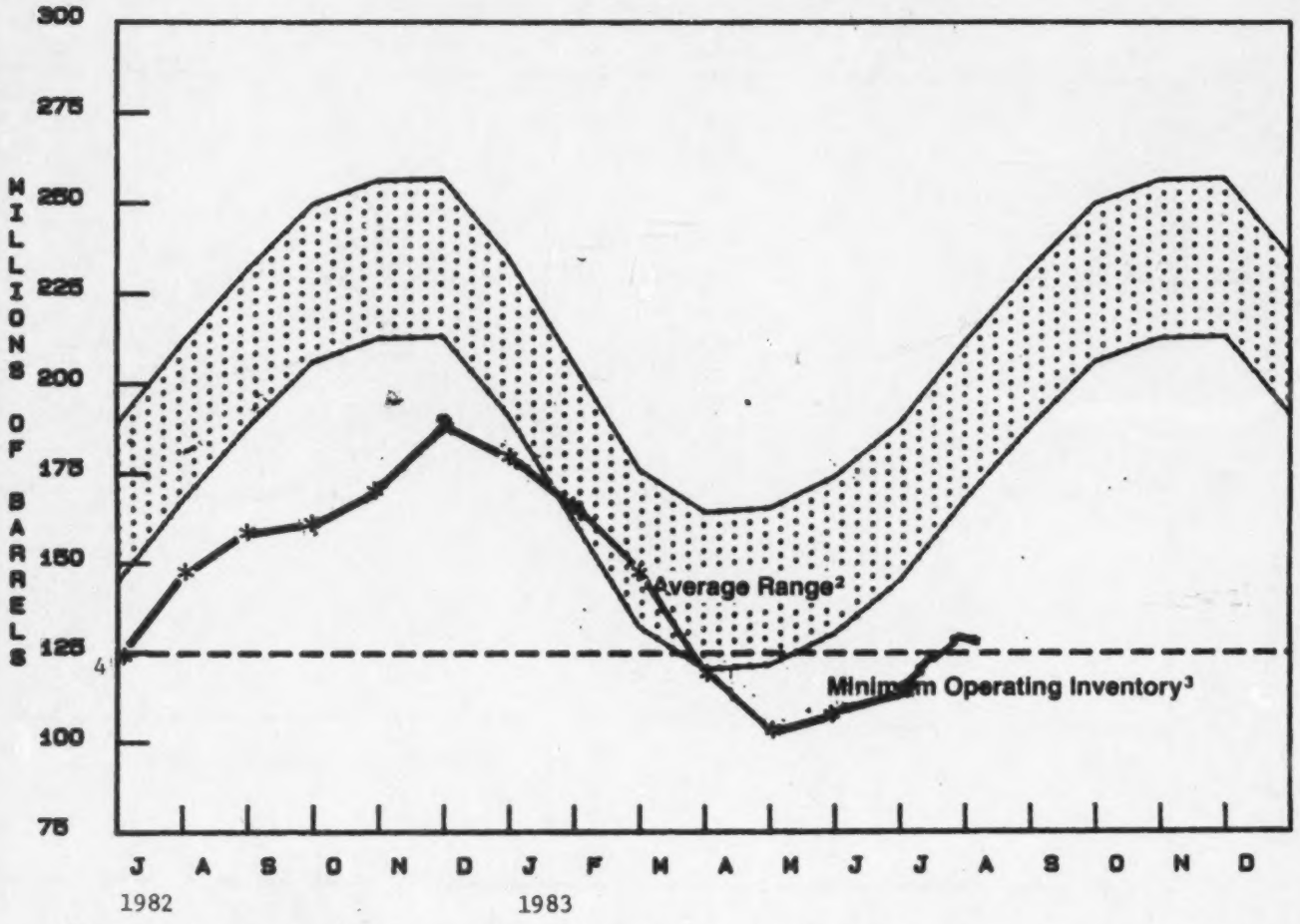
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

7/29/83	PAGE 2	DISTILLATE FUEL	EAST COAST	256
			DISTRICT 1 TOTAL	278
			TOTAL U.S.	2,649
			DISTRICTS 1-4	2,257
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	62,538
			TOTAL U.S.	225,807
			DISTRICTS 1-4	196,747
		LEADED MGAS	DISTRICT 2 TOTAL	29,643
			TOTAL U.S.	97,611
			DISTRICTS 1-4	87,673
		UNFINISHED OILS	DISTRICT 5 TOTAL	25,382
			TOTAL U.S.	106,689
	PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 2	76,935
		TOTAL	PAD DISTRICT 3	154,601

Week Ended August 5, 1983

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

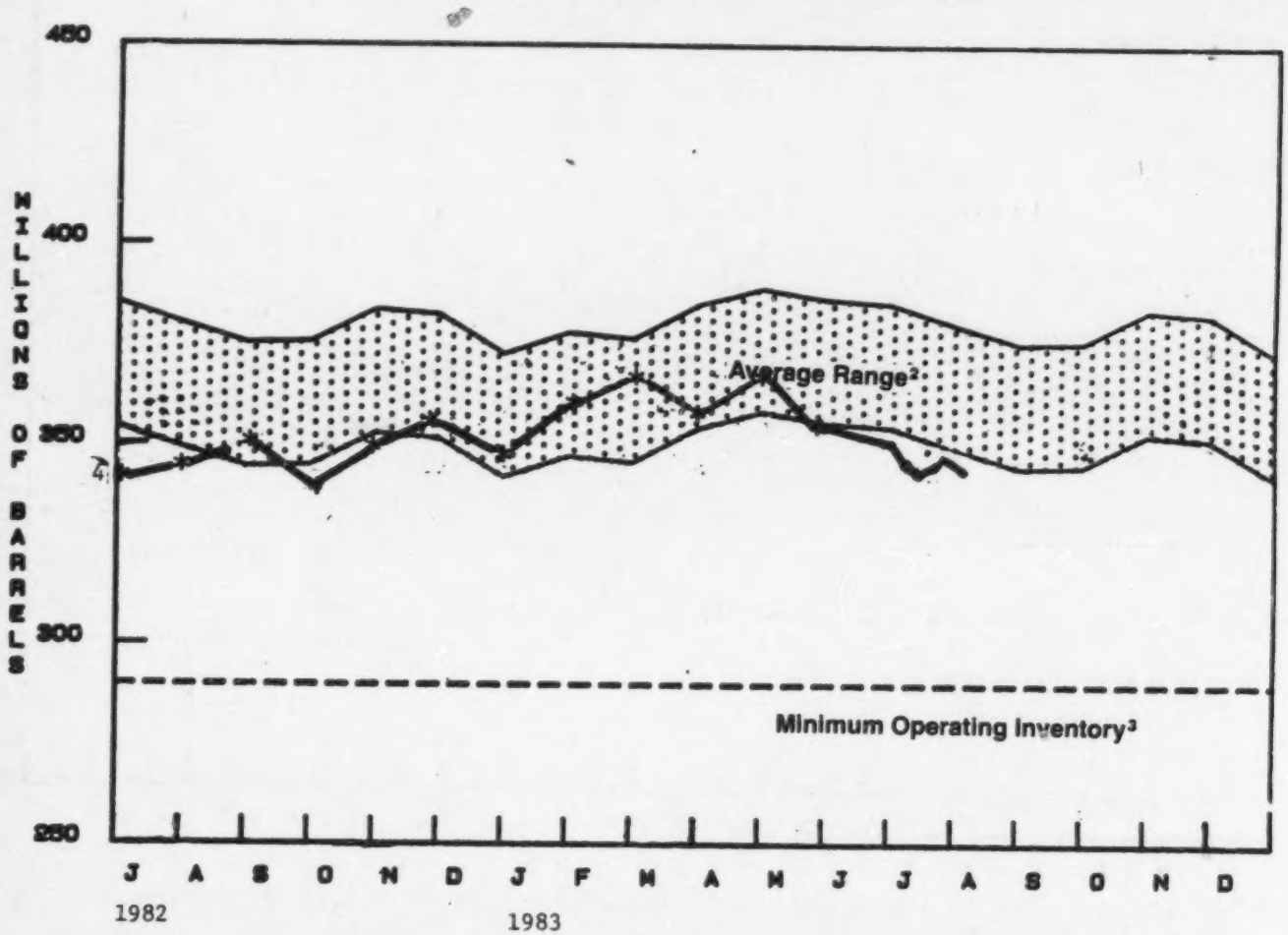
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended August 5, 1983

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

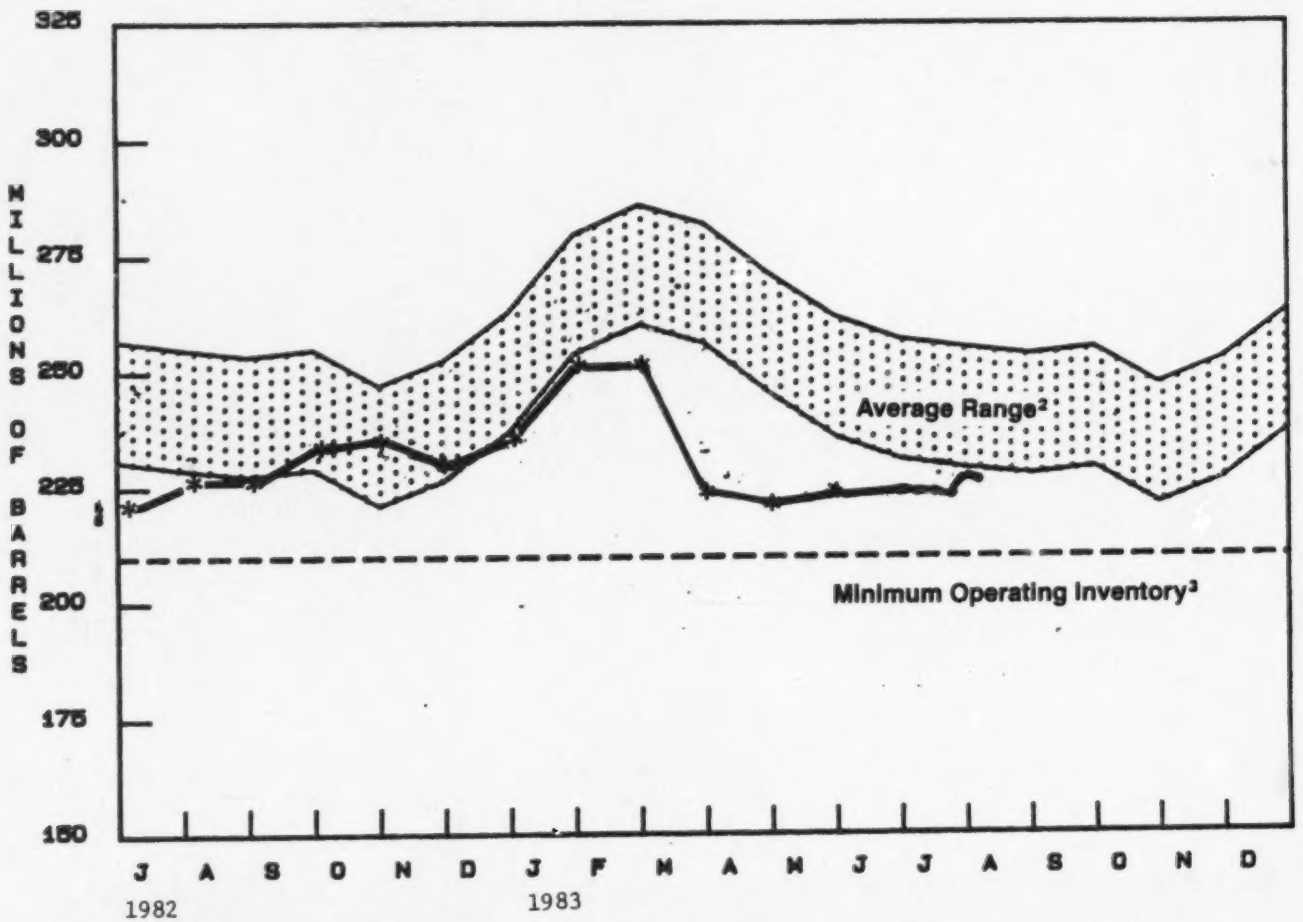
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended August 5, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.